



2023 CONTAMINANT SUMMARY REPORT

June 26, 2024

3:22 pm

CN : CN601544042

Organization : COVESTRO LLC

RN : RN100209931

Account : CI0016S

Site : COVESTRO INDUSTRIAL PARK
BAYTOWN

Last EI Date : 12/31/2023

CRITERIA EMISSIONS TOTALS

Pollutant Class	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
PM2.5	4.7442	25.9961	0.0000	0.0000	0.0000
VOC	18.0342	98.8266	0.0000	0.1125	0.1125
CO	48.2661	264.4714	0.0000	0.0000	0.0000
NOX	42.8640	234.8695	0.0000	0.0000	0.0000
SO2	17.3261	94.9365	0.0000	0.0000	0.0000
PM10	54.6547	299.4794	0.0000	0.0000	0.0000

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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	92.1053	504.6868	0.0000	0.0000	0.0000
11000	PART - CHEMICAL-U	0.0496	0.2716	0.0000	0.0000	0.0000
11160	HYDROCHLORIC ACID	0.0706	0.3868	0.0000	0.0016	0.0016
11165	NITRIC ACID	0.0002	0.0008	0.0000	0.0002	0.0002
11170	PHOSPHORIC ACID	0.0000	0.0001	0.0000	0.0000	0.0000
11175	SULFURIC ACID	0.0001	0.0008	0.0000	0.0000	0.0000
11326	DIPHENYLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
11930	NITROPHENOL 2	0.0000	0.0000	0.0000	0.0000	0.0000
14622	SODIUM CARBONATE-NA2CO3	0.0026	0.0144	0.0000	0.0000	0.0000
14630	SODIUM HYDROXIDE, NAOH	0.0007	0.0044	0.0000	0.6324	0.6324
20000	PM10 PART-U	54.5054	298.6613	0.0000	0.0000	0.0000
21250	PM10 PLASTICS-U	0.1493	0.8181	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	4.7442	25.9961	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	5.9892	32.8170	0.0000	0.0033	0.0033
50002	POLYCYCLIC ORGANIC MATTER	0.0002	0.0014	0.0000	0.0000	0.0000
51123	ETHYL HEXANOIC ACID,2-	0.0000	0.0000	0.0000	0.0000	0.0000
51205	OXALIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51400	ALCOHOLS-U	0.0009	0.0051	0.0000	0.0000	0.0000
51420	AMYL ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51440	N-BUTYL ALCOHOL	0.0044	0.0242	0.0000	0.0000	0.0000
51450	CYCLOHEXANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51460	ETHANOL	0.4015	2.2002	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0001	0.0005	0.0000	0.0000	0.0000
51472	PROPYLENE GLYCOL	0.0000	0.0000	0.0000	0.0017	0.0017
51473	DIETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51475	GLYCERIN MIST	0.0000	0.0000	0.0000	0.0000	0.0000
51478	METHOXY-2-ACETOXYPROPANE, 1-	0.0028	0.0155	0.0000	0.0000	0.0000
51480	BUTANEDIOL 1,3	0.0000	0.0000	0.0000	0.0000	0.0000
51490	ISOBUTANOL	0.0001	0.0005	0.0000	0.0000	0.0000



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51492	POLYOL	0.0000	0.0000	0.0000	0.0000	0.0000
51496	ETHYL-1, 3-HEXANEDIOL, 2	0.0000	0.0000	0.0000	0.0000	0.0000
51510	ISOPROPANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51520	HEXANOL	0.0001	0.0005	0.0000	0.0000	0.0000
51521	ETHYL HEXANOL 2	0.0003	0.0018	0.0000	0.0000	0.0000
51530	METHANOL	0.0731	0.4013	0.0000	0.0000	0.0000
51534	O-CRESOL	0.0000	0.0000	0.0000	0.0000	0.0000
51548	2,4-DINITROPHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51549	PHENOLS-U	0.0000	0.0000	0.0000	0.0000	0.0000
51550	PHENOL	0.0166	0.0910	0.0000	0.0000	0.0000
51570	N-PROPANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51649	BENZOIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0419	0.2296	0.0000	0.0000	0.0000
52200	AMINES-U	0.0000	0.0000	0.0000	0.0000	0.0000
52219	HEXAMETHYLENE DIAMINE	0.0020	0.0112	0.0000	0.0001	0.0001
52220	ANILINE-U	2.0180	11.0580	0.0000	0.0000	0.0000
52224	4,4'-METHYLENEDIANILINE	0.0003	0.0024	0.0000	0.0000	0.0000
52230	4-AMINOBIIPHENYL	0.0003	0.0014	0.0000	0.0000	0.0000
52243	CYCLOHEXYLAMINE	0.0009	0.0049	0.0000	0.0000	0.0000
52279	MONOETHANOLAMINE	0.0001	0.0008	0.0000	0.0000	0.0000
52299	MORPHOLINE	0.0000	0.0000	0.0000	0.0000	0.0000
52322	PIPERIDINE	0.0056	0.0307	0.0000	0.0000	0.0000
52370	DIAMINOTOLUENE MIXED ISOMERS	0.0016	0.0087	0.0000	0.0000	0.0000
52375	TOLUENE-2,4-DIAMINE	0.0102	0.0553	0.0000	0.0019	0.0019
52400	AROMATICS-U	0.0081	0.0444	0.0000	0.0000	0.0000
52420	BENZENE	0.5636	3.0887	0.0000	0.0034	0.0034
52421	O-DICHLOROBENZENE	0.0746	0.4088	0.0000	0.0012	0.0012
52422	M-DICHLOROBENZENE	0.0020	0.0112	0.0000	0.0000	0.0000
52423	P-DICHLOROBENZENE	0.0019	0.0107	0.0000	0.0000	0.0000
52424	DICHLOROBENZENE MIXED ISOMERS	0.0009	0.0050	0.0000	0.0000	0.0000
52430	CHLOROBENZENE	1.9835	10.8694	0.0000	0.0967	0.0967
52438	NITROBENZENE	0.5703	3.1250	0.0000	0.0000	0.0000
52439	NITROTOLUENE 3	0.0049	0.0271	0.0000	0.0000	0.0000
52440	CUMENE	0.0000	0.0000	0.0000	0.0000	0.0000
52447	DINITROBENZENE,M-	0.0000	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.1667	0.9135	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0090	0.0493	0.0000	0.0000	0.0000
52474	BISPHENOL-A	0.0055	0.0301	0.0000	0.0000	0.0000



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52480	STYRENE	1.6578	9.0838	0.0000	0.0000	0.0000
52490	TOLUENE	0.9196	5.0391	0.0000	0.0000	0.0000
52495	DINITROTOLUENE ALL ISOMERS	0.0067	0.0367	0.0000	0.0001	0.0001
52496	2,4-DINITROTOLUENE	0.0000	0.0000	0.0000	0.0000	0.0000
52499	O-TOLUIDINE	0.0014	0.0079	0.0000	0.0000	0.0000
52504	CH2 BIS C6H4 2-ISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
52505	TOLUENE DIISOCYANATE-TD	0.0028	0.0154	0.0000	0.0000	0.0000
52506	2,4-TOLUENE DIISOCYANATE	0.0004	0.0022	0.0000	0.0000	0.0000
52508	TOLUENEDIISOCYANATE MIXED ISOMERS	0.0063	0.0364	0.0000	0.0006	0.0006
52510	XYLENE-U	0.8384	4.5940	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52640	BUTYL ACETATE	0.2288	1.2543	0.0000	0.0000	0.0000
52710	DIBUTYL PHTHALATE	0.0085	0.0464	0.0000	0.0000	0.0000
53104	1,1,1,2-TETRAFLUOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
53210	CARBON TETRACHLORIDE	0.1433	0.7850	0.0000	0.0000	0.0000
53220	CHLOROFORM	0.0443	0.2432	0.0000	0.0000	0.0000
53230	1,1-DICHLOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.8557	4.6886	0.0000	0.0259	0.0259
53280	METHYL CHLORIDE	0.0982	0.5379	0.0000	0.0000	0.0000
53320	PHOSGENE	0.1368	0.7497	0.0000	0.0029	0.0029
53450	FREONS-U	0.0000	0.0000	0.0000	0.1705	0.1705
53472	DICHLORODIFLUOROMETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
53475	CHLORODIFLUOROMETHANE	0.0000	0.0000	0.0000	1.0225	1.0225
53621	BENZOYL CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
54000	KETONES-U	0.0000	0.0000	0.0000	0.0000	0.0000
54020	ACETONE	0.6985	3.8275	0.0000	0.0001	0.0001
54040	CYCLOHEXANONE	0.0001	0.0008	0.0000	0.0000	0.0000
54065	METHYL ETHYL KETONE	0.0835	0.4575	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.1066	0.5844	0.0000	0.0000	0.0000
54072	HEPTANONE 2	0.0000	0.0000	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	1.4332	7.8532	0.0000	0.0000	0.0000
56150	METHYLCYCLOHEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56575	HEPTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.0182	0.0997	0.0000	0.0000	0.0000
56775	PROPANE	0.1061	0.5814	0.0000	0.0000	0.0000
58225	DIMETHYLFORMAMIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58242	DIPHENYLMETHANE-4, 4- DIISOCYANATE	0.0016	0.0098	0.0000	0.0001	0.0001
58243	HEXAMETHYLENE DIISOCYANATE	0.1765	0.9678	0.0000	0.0000	0.0000



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58245	ISOPHORONE DIISOCYANATE	0.0015	0.0081	0.0000	0.0000	0.0000
58460	MALEIC ANHYDRIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58700	MERCAPTANS-U	0.0000	0.0000	0.0000	0.0005	0.0005
58825	DIBUTYL PHOSPHATE	0.0000	0.0000	0.0000	0.0000	0.0000
58998	ALIPHATIC PETROLEUM DISTILLATE	0.0001	0.0005	0.0000	0.0000	0.0000
58999	AROMATIC PETROLEUM DISTILLATE LIGHT	0.0000	0.0000	0.0000	0.0000	0.0000
59003	GASOLINE	0.0000	0.0000	0.0000	0.0000	0.0000
59007	LUBRICATING OIL	0.0000	0.0000	0.0000	0.0000	0.0000
59150	DIESEL	0.0001	0.0004	0.0000	0.0000	0.0000
59300	NAPHTHA	0.0000	0.0000	0.0000	0.0000	0.0000
59500	ASPHALT FUMES	0.0000	0.0000	0.0000	0.0000	0.0000
59824	4,4'-METHYLENEBIS 2-CHLORANILINE	0.0001	0.0003	0.0000	0.0000	0.0000
59850	1-HEXAMETHYLENE, 6-DIISOCYANATE	0.0521	0.2855	0.0000	0.0000	0.0000
70000	INORGANIC GASES-U	0.0000	0.0000	0.0000	0.0000	0.0000
70050	AMMONIA	1.8225	9.9866	0.0000	2.0602	2.0602
70110	CHLORINE	0.3837	2.1027	0.0000	0.0049	0.0049
70200	HYDROGEN CHLORIDE	1.4354	7.8641	0.0000	0.0003	0.0003
70400	NITROGEN OXIDES	42.8640	234.8695	0.0000	0.0000	0.0000
70402	NITROGEN DIOXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	17.3261	94.9365	0.0000	0.0000	0.0000
70516	SULFURIC ACID VAPOR	1.3129	7.1942	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	48.2661	264.4714	0.0000	0.0000	0.0000



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11160	HYDROCHLORIC ACID	0.0706	0.3868	0.0000	0.0016	0.0016
50002	POLYCYCLIC ORGANIC MATTER	0.0002	0.0014	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0001	0.0005	0.0000	0.0000	0.0000
51530	METHANOL	0.0731	0.4013	0.0000	0.0000	0.0000
51534	O-CRESOL	0.0000	0.0000	0.0000	0.0000	0.0000
51548	2,4-DINITROPHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51550	PHENOL	0.0166	0.0910	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0419	0.2296	0.0000	0.0000	0.0000
52224	4,4'-METHYLENEDIANILINE	0.0003	0.0024	0.0000	0.0000	0.0000
52230	4-AMINOBIIPHENYL	0.0003	0.0014	0.0000	0.0000	0.0000
52375	TOLUENE-2,4-DIAMINE	0.0102	0.0553	0.0000	0.0019	0.0019
52420	BENZENE	0.5636	3.0887	0.0000	0.0034	0.0034
52423	P-DICHLOROBENZENE	0.0019	0.0107	0.0000	0.0000	0.0000
52430	CHLOROBENZENE	1.9835	10.8694	0.0000	0.0967	0.0967
52438	NITROBENZENE	0.5703	3.1250	0.0000	0.0000	0.0000
52440	CUMENE	0.0000	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.1667	0.9135	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0090	0.0493	0.0000	0.0000	0.0000
52480	STYRENE	1.6578	9.0838	0.0000	0.0000	0.0000
52490	TOLUENE	0.9196	5.0391	0.0000	0.0000	0.0000
52496	2,4-DINITROTOLUENE	0.0000	0.0000	0.0000	0.0000	0.0000
52499	O-TOLUIDINE	0.0014	0.0079	0.0000	0.0000	0.0000
52504	CH2 BIS C6H4 2-ISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
52506	2,4-TOLUENE DIISOCYANATE	0.0004	0.0022	0.0000	0.0000	0.0000
52510	XYLENE-U	0.8384	4.5940	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52710	DIBUTYL PHTHALATE	0.0085	0.0464	0.0000	0.0000	0.0000
53210	CARBON TETRACHLORIDE	0.1433	0.7850	0.0000	0.0000	0.0000
53220	CHLOROFORM	0.0443	0.2432	0.0000	0.0000	0.0000
53230	1,1-DICHLOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.8557	4.6886	0.0000	0.0259	0.0259
53280	METHYL CHLORIDE	0.0982	0.5379	0.0000	0.0000	0.0000
53320	PHOSGENE	0.1368	0.7497	0.0000	0.0029	0.0029
54070	METHYL ISOBUTYL KETONE	0.1066	0.5844	0.0000	0.0000	0.0000
56600	HEXANE	0.0182	0.0997	0.0000	0.0000	0.0000
58225	DIMETHYLFORMAMIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58242	DIPHENYLMETHANE-4, 4- DIISOCYANATE	0.0016	0.0098	0.0000	0.0001	0.0001
58243	HEXAMETHYLENE DIISOCYANATE	0.1765	0.9678	0.0000	0.0000	0.0000



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58460	MALEIC ANHYDRIDE	0.0000	0.0000	0.0000	0.0000	0.0000
59824	4,4'-METHYLENEBIS 2-CHLORANILINE	0.0001	0.0003	0.0000	0.0000	0.0000
59850	1-HEXAMETHYLENE, 6-DIISOCYANATE	0.0521	0.2855	0.0000	0.0000	0.0000
70110	CHLORINE	0.3837	2.1027	0.0000	0.0049	0.0049
70200	HYDROGEN CHLORIDE	1.4354	7.8641	0.0000	0.0003	0.0003
Total		10.3869	56.9184	0.0000	0.1377	0.1377